

Lecture Plan		
Name of the College: Government College of Arts, Science and Commerce, Sanquelim - Goa		
Name of Faculty: Ms. Supriya Gaonkar	Subject: Geography	
Paper code: GOG112 Geography of Climate Change	Program: BA	Division:
Academic year: 2024-2025	Semester: I	Total Lectures: 30
Course Objectives: . <ol style="list-style-type: none"> 1. To introduce students to the nature and scope of climate change and its implications for the Earth's systems. 2. To examine the scientific evidence for climate change and the causes and consequences of this phenomenon. 3. To explore the geography of climate change, including its impacts on biogeography, oceanography, atmospheric sciences, and earth system sciences. 3. To evaluate strategies for mitigating and adapting to climate change, including the role of science and technology, economic and political considerations, and international frameworks and agreements. 4. To analyze case studies of climate change impacts and responses, including the social and economic implications of climate change. 		
Course Outcome: <ol style="list-style-type: none"> 1. Explain the nature and scope of climate change and its historical context. 2. Identify the scientific evidence for climate change and the causes and consequences of this phenomenon. 3. Analyze the impacts of climate change on land, water, and the atmosphere. 4. Evaluate strategies for mitigating and adapting to climate change, including the role of science and technology, economic and political considerations, and international frameworks and agreements. 5. Apply geographic principles and concepts to analyze case studies of climate change impacts and responses, and to assess the social and economic implications of climate change. 		
Student Learning Outcome: <ol style="list-style-type: none"> 1. Students will be able to learn nature and scope of Climate Change , 		

2. Students will be able to understand the impact of climate change on Land , Water and Atmosphere.							
3. Able to apply their knowledge in understanding problems related to Earth system.							
Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment	ICT Tools	Reference books
JUNE	28/06/2024	29/06/2024	02 lecture per Week	Introduction to Climate Change	Read on Climate	Black Board/ PPT	Environmental Geography , Climatology – D.S. Lal
JULY	1/07/2024	6/07/2024		Definition, nature of Climate	Write on Meaning of Climate	Black board and PPT	Environmental Geography , Climatology – D.S. Lal
	8/7/2024	13/7/2024	02 lecture per Week	Scope of climate change	Find out scope of Climate	Black Board/ PPT	Environmental Geography , Climatology – D.S. Lal
	15/7/2024	20/7/2024		scope of climate change	Find out scope of Climate	Black Board/ PPT	Environmental Geography , Climatology – D.S. Lal
	22/7/2024	27/07/2024		Historical perspective of climate change	Find out History of Climate	Black Board/ PPT	Environmental Geography , Climatology – D.S. Lal

	29/7/2024	03/08/2024		The evidence of climate change-Rise in Temperature , Flood, Drought	To see more videos and write evidences for climate change	Black Board/ PPT/ Video	Environmental Geography , Climatology – D.S. Lal , Online Sources
AUGUST	5/08/24	9/8/2024		The evidence of climate change- Sea Level Extreme Events ,	To find out recent Events in the World	Black Board/ PPT/ Video	Climatology – D.S. Lal , Online Sources
	12/8/2024	17/8/2024		The evidence of climate change	To find out recent Events in the World	Black Board/ PPT/ Video	Climatology – D.S. Lal , Online Sources
	19/8/2024	24/8/2024		Causes of Climate Change and Consequences of Climate change	Write on effects of Climate Change	Black Board/ PPT/ Video	Climatology – D.S. Lal , Online Sources
	26/8/2024	31/8/2024		The Carbon Cycle and Climate System	Draw a Diagram for Carbon Cycle	Black Board/ PPT/ Video	Climatology – D.S. Lal , Online Sources
SEPTEMBER	2/9/2024	7/09/2024	02 lecture per Week	The Green House effect	To find out Green house gases	Black Board/ PPT	Climatology – D.S. Lal , Online Sources
	9/9/2024	14/9/2024	02 lecture per Week	Global Warming, causes and effects	To find out places will be effect of Global warming	Black Board/ PPT	Climatology – D.S. Lal , Online Sources
	16/9/2024	21/8/2024	02 lecture	The impacts of climate change on land, water and the atmosphere	Write a esay on Impact	Black Board/ PPT	Climatology – D.S. Lal , Online Sources

			per Week		of Climate change		
	23/9/2024	28/9/2024	02 lecture per Week	The impacts of climate change on water and the atmosphere	Write measure to control climate change	Black Board/ PPT	Climatology – D.S. Lal , Online Sources
	30/9/2024	5/10/2024	02 lecture per Week	The role of human activities in climate change on Atmosphere	What is the role of humans in controlling Climate ?	Black Board/ PPT	Environmental Geography/Online Sources
OCTOBER	7/10/2024	12/10/2024	02 lecture per Week	The role of human activities in climate change on Earth	To find out activities which the change in climate of the World	Black Board/ PPT	Environmental Geography/ Environmental Geography
	14/10 /2024	19/10/2024	02 lecture per Week	Revision	Revision	Revision	
	21/10/2024	22/10/2024	02 lecture per Week				

Assessment Rubrics

Component	Max Marks
ISA 1	10
ISA 2	10
Practical	NA
Project	NA

Semester End Exam	80
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